

ABSTRACT

A foam-in-place apparatus includes a foam containment unit, a foam precursor storage unit, and a foam precursor heating unit, in one embodiment. During operation,
5 the foam precursor heating unit is activated to provide activation heat to one or more foam precursor components stored within the foam precursor storage unit. The activation heat may cause temperatures of one or more of the foam precursor components to increase to temperatures within an activation temperature range. The pre-heated component or components are combined to produce an expansive foam,
10 which is deployed in the foam containment unit, and which causes the foam containment unit to expand and displace or contour around any physical objects within the expansion limits of the foam containment unit.